

FILE NOTATIONS

Entered in NID File
Location Map Pinned
Card Indexed

Checked by Chief
Approval Letter
Disapproval Letter

COMPLETION DATA:

Date Well Completed 1/29/79
..... WW..... TA.....
GW..... OS..... PA.....

Location Inspected
Bond released
State or Fee Land

LOGS FILED

Driller's Log.....
Electric Logs (No.)
E..... I..... Dual I Lat..... GR-N..... Micro.....
BHC Sonic GR..... Lat..... MI-L..... Sonic.....

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒GAS
WELL ☒

OTHER

SINGLE
ZONN ☒MULTIPLE
ZONN ☐

2. NAME OF OPERATOR

CIG EXPLORATION, INC.

3. ADDRESS OF OPERATOR

P. O. BOX 749, DENVER, CO 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface

724' FWL & 1752' FSL, Section 24, T10S, R21E

At proposed prod. zone

SAME AS ABOVE

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

APPROXIMATELY 15 MILES SOUTHEAST OF OURAY, UTAH

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drilg. unit line, if any)

724'

16. NO. OF ACRES IN LEASE

562.5

17. NO. OF ACRES ASSIGNED
TO THIS WELL

N/A

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

N/A

19. PROPOSED DEPTH

6400'

20. ROTARY OR CABLE TOOLS

ROTARY

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5320' UNGRADED GROUND

22. APPROX. DATE WORK WILL START*

December 1, 1978

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8"	36#	200'	125 SX
7-7/8"	4-1/2"	11.6#	6400'	CIRCULATE CEMENT BACK TO SURFACE

FRESH WATER AQUIFERS WILL BE PROTECTED WHEN THE LONG STRING IS RUN AND CEMENT IS
CIRCULATED TO SURFACE.

SEE ATTACHED SUPPLEMENTS FOR FURTHER INFORMATION:

- (1) 10-POINT PROGRAM
- (2) BOP SCHEMATIC
- (3) 13-POINT PROGRAM
- (4) PLAT

GAS WELL PRODUCTION HOOKUP TO FOLLOW ON SUNDRY NOTICE.

APPROVED BY _____ N OF


DATE: 10-3-78

BY: C.B. [Signature]

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED



TITLE

DISTRICT SUPERINTENDENT

DATE September 27, 1978

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

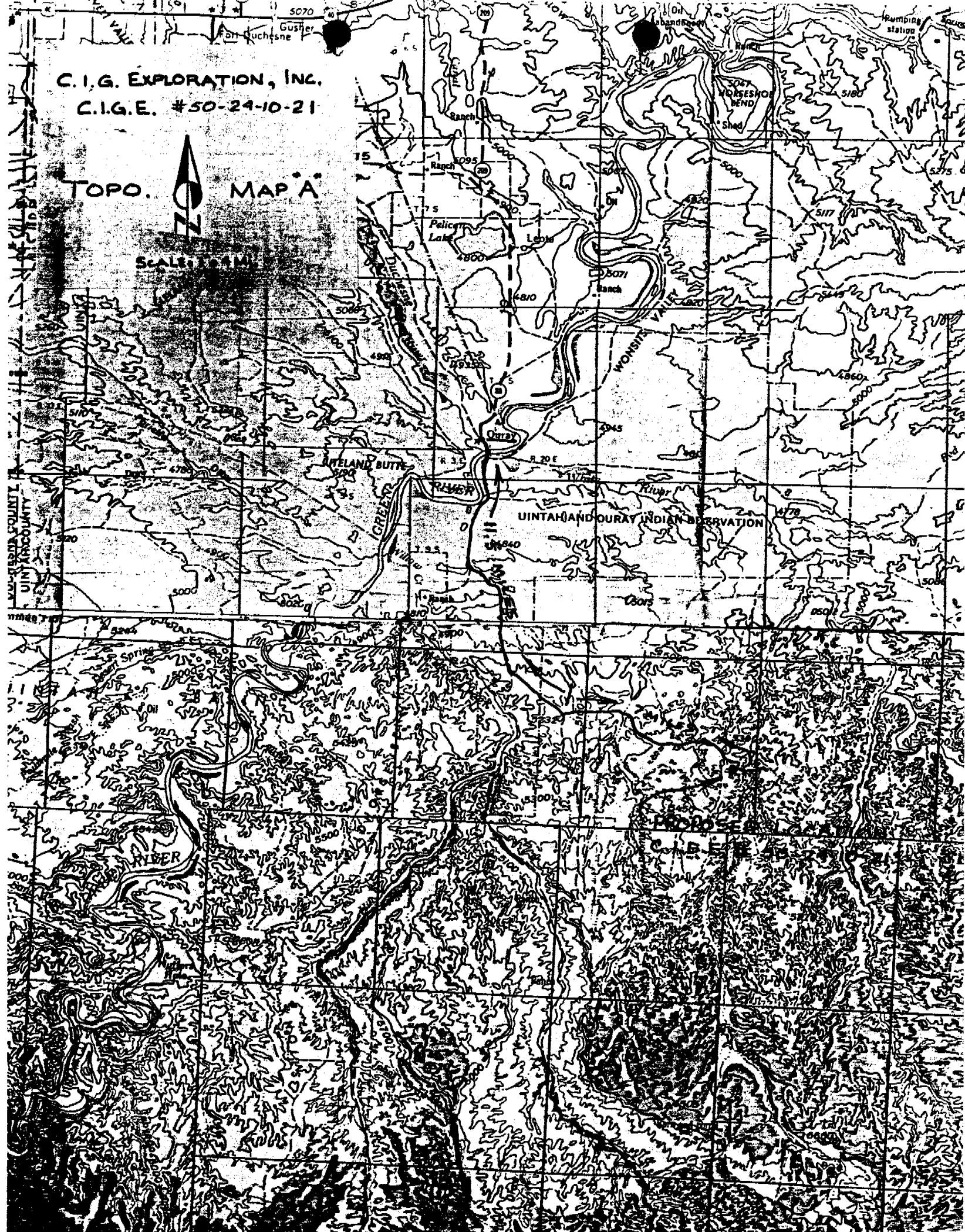
DATE

CONDITIONS OF APPROVAL, IF ANY:

C.I.G. EXPLORATION, INC.
C.I.G.E. #50-24-10-21

TOPO. MAP A

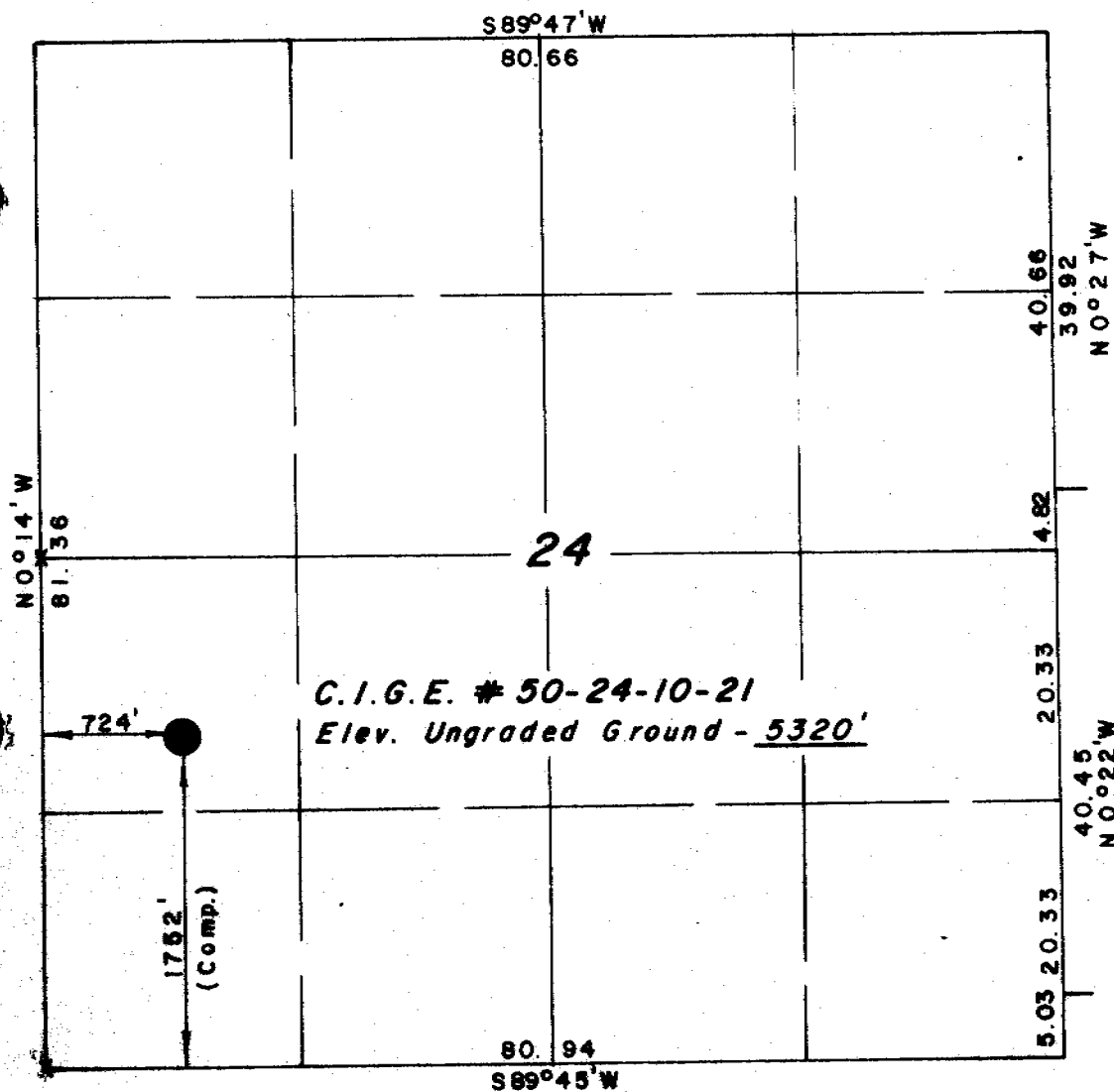
SCALE 1:25,000



T 10 S , R 21 E , S.L.B.&M.

PROJECT
C.I.G. EXPLORATION INC.

Well location, C.I.G.E. # 50-24-10-21,
located as shown in the NW 1/4 SW 1/4
Section 24, T10S, R21E, S.L.B.&M.
Uintah County, Utah.



X = Section Corners Located



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE
BEST OF MY KNOWLEDGE AND BELIEF.

James Stewart
REGISTERED LAND SURVEYOR
REGISTRATION NO 3184
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P.O. BOX Q - 110 EAST - FIRST SOUTH
VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 9 / 25 / 78
PARTY DA JB RP	REFERENCES GLO Plat
WEATHER Fair	FILE C.I.G. EXPLORATION

CIGE 50-24-10-21
Section 24, T10S, R21E
Uintah County, Utah

10-POINT PROGRAM

1. Geologic name of surface formation:

UINTA

2. The estimated tops of important geologic markers:

GREEN RIVER	1000
WASATCH	4250'

3. The estimated depths at which anticipated water, oil, gas are expected to be encountered:

WASATCH	—	4250'	—	GAS
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4. The proposed casing program, including the size, grade, and weight per foot each string and whether new or used:

9-5/8"	-	K-55, ST&C	-	36#	NEW
4-1/2"	-	N-80, LT&C	-	11.6#	NEW

5. The Operators' minimum specifications for pressure control equipment which is to be used, a schematic diagram thereof showing sizes, pressure ratings, and testing procedures and testing frequency:

Bottom:

3000# BOP W/4-1/2" pipe rams
3000# BOP W/blind rams
3000# Hydril

Top:

Grant rotating head

Manifold includes appropriate valves, positive and adjustable chokes and kill line to control abnormal pressures.
BOP's will be tested at installation and will be cycled on each trip.

6. The type and characteristics of the proposed circulating medium to be employed for rotary drilling and the quantities and types of mud and weighting material to be maintained:

6. Continued --

The well will be drilled with fresh water from surface to 4500' with a weight of 8.3 to 8.7 . From 4500' to TD the well will be drilled with fresh wtr mud with a weight from 8.7 to 10.4 . Sufficient weighting material (barite) will be on location to increase the mud weight if abnormal pressure is encountered.

7. The auxiliary equipment to be used:

- a. kelly cock
- b. monitoring equipment on the mud system
- c. a sub on the floor with a full opening valve to be stabbed into the drill pipe when the kelly is not in the string.

8. The testing, logging and coring program to be followed:

No DST's are planned
No cores are expected to be cut.

LOGS: Dual Induction Laterolog
Compensated Neutron-Formation Density

9. Any anticipated abnormal pressures or temperatures expected to be encountered:

No abnormal pressures or temperatures expected
No hydrogen sulfide expected

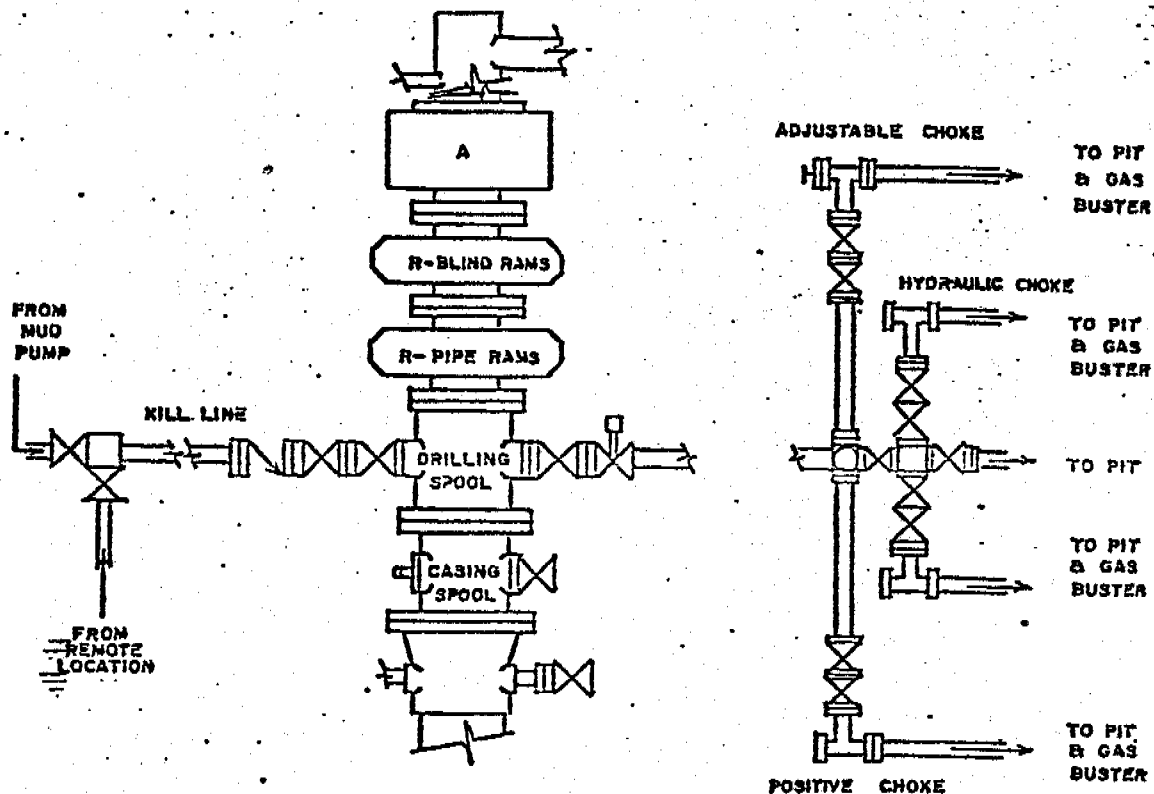
10. The anticipated starting date and duration of the operation:

December 1, 1978

Three week duration.

3000 psi

psi Working Pressure BOP's



Test Procedure

- 1) Flush BOP's and all lines to be tested with water.
- 2) Run test plug on test joint and seat in casing head (leave valve below test plug open to check for leak).
- 3) Test the following to rated pressure:
 - a) inside blowout preventer
 - b) lower kelly cock
 - c) upper kelly cock
 - d) stand pipe valve
 - e) lines to mud pump
 - f) kill line to BOP's
- 4) Close and test pipe rams to rated pressure.
- 5) Close and test Hydril to rated pressure.
- 6) Back off and leave test plug in place. Close and test blind rams to rated pressure.
- 7) Test all choke manifold valves to rated pressure.
- 8) Test kill line valves to rated pressure.

C.I.G. EXPLORATION INCORPORATED

13 Point Surface Use Plan

For

Well Location

C.I.G.E. #50-24-10-21

Located In

Section 24, T10S, R21E, S.L.B. & M.

Uintah County, Utah

1. EXISTING ROADS

See attached Topographic Map "A".

To reach C.I.G. Exploration Incorporated, well location C.I.G.E. #50-24-10-21 located in the NW $\frac{1}{4}$ SW $\frac{1}{4}$ Section 24, T10S, R21E. S.L.B. & M., Uintah County, Utah: proceed Westerly out of Vernal, Utah along U.S. Highway 40, 14 miles to the junction of this road and Utah State Highway 209; proceed South along Utah State Highway 209, 7 miles more or less, to the junction of this Highway and Utah State Highway 88; proceed South along Utah State Highway 88, 10 miles to Ouray, Utah; proceed along South on a county road known as the Seep Ridge Road, + 11.5 miles to the junction of this road and an oil field service road to the East; proceed Easterly along this road 6.9 miles to the junction of this road and the point that the proposed access road (to be discussed in Item #2) leaves the existing road and proceeds in a Southerly direction to the proposed location site.

The Highways mentioned in the foregoing paragraph are bituminous surfaced roads to Ouray, Utah at which point the County road is surfaced with native asphalt to the oil field service road.

The aforementioned dirt oil field service road and other roads in the vicinity are constructed out of native materials that are prevalent to the areas they are located in and range from clays to a sandy-clay shale material.

There is no anticipated construction on any portion of the above described roads. They will meet the necessary standards required to facilitate an orderly flow of traffic during the drilling phase, completion phase, and the production phase of this well at such time that production is established.

The roads that are required for access during the drilling phase, completion phase and production phase of this well, will be maintained at the standards required by the B.L.M. or other controlling agencies.

2. PLANNED ACCESS ROAD

See Topographic Map "B".

The proposed access road leaves the existing road described in Item #1 in the NW $\frac{1}{4}$ SW $\frac{1}{4}$ Section 24, T10S, R21E, S.L.B. & M., and proceeds in a Westerly direction 0.1 mile to the proposed location site.

In order to facilitate the anticipated traffic flow necessary to drill and produce this well, the following standards will be met:

The proposed access road will be an 18' crown road (9' either side of the centerline) with drain ditches along either side of the proposed road where it is determined necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area.

Back slopes along the cut areas of the road will be 1 $\frac{1}{2}$ to 1 slopes and terraced.

The road will be centerline flagged prior to the commencement of construction.

The grade of this road will vary from flat to 8%, but will not exceed this amount. This road will be constructed from native borrow accumulated during construction.

2. PLANNED ACCESS ROAD - continued

If deemed necessary by the local governmental agencies or their representatives, turnouts will be installed for safety purposes every 0.25 miles or on the top of ridges or at intervals and location that will provide the greatest sight distance. These turnouts will be 200' in length and 10' in width and will be tapered from the shoulder of the road for a distance of 50' in length at both the access and outlet ends.

Any fences that are encountered along this access road will be cut and replaced with a cattleguard with a minimum width of 18' and a loading factor large enough to facilitate the heavy trucks required in the drilling and production of this well.

If cattleguards are to be located at existing gates, they will be installed with the above requirements and with a new gate installed at one end of the cattleguard.

The access from the road to the gate will be of such a nature that there will be no impedance of traffic flow along the main access road and no difficulties encountered by traffic utilizing the gate, either leaving or entering the proposed access road.

The terrain that this access road traverses is relatively flat.

The vegetation of this route consists of sparse amounts of sagebrush, rabbitbrush, some grasses, and cacti with large areas that are devoid of vegetation.

3. LOCATION OF EXISTING WELLS

See attached Topographic Map "B".

There are other wells within a one mile radius of this well. For exact location of this well within Section 24, T10S, R21E, S.L.B. & M., see location plat.

4. LOCATION OF TANK BATTERIES, PRODUCTION FACILITIES, AND PRODUCTION GATHERING AND SERVICE LINES

At the present time there are other C.I.G. Exploration Incorporated batteries, production facilities, oil gathering lines, gas gathering lines, injection, and disposal lines within a one-mile radius.

In the event that production of this well is established, the existing area of the location will be utilized for establishment of the necessary production facilities.

The total area that is needed for the production of this well will be fenced and cattleguards will be utilized for access to the facilities.

The area will be built, if possible, with native materials and if these materials are not available then the necessary arrangements will be made to get them from private sources.

The proposed gas flow line will be an 18' right of way which will run in a Westerly direction approximately 300' to an existing Gas line located in the NW $\frac{1}{4}$ SW $\frac{1}{4}$ of Section 24, T10S, R21E, S.L.B. & M. (See Topographic Map "B".)

If there is any deviation from the above, all appropriate agencies will be notified.

5. LOCATION AND TYPE OF WATER SUPPLY

See Topographic Map "A".

Water to be used for the drilling and production of this well will be hauled from the White River at a point near the Mountain Fuel Bridge located in the SW $\frac{1}{4}$ NE $\frac{1}{4}$ Section 17, T9S, R22E, S.L.B. & M. The water will be hauled by truck over existing roads and the proposed access road, to the proposed location site, a distance of approximately 12 miles.

In the event that the above source is not used, the water will be hauled by truck utilizing the roads described in Item #1 and #2, from the White River South of Ouray, Utah a distance of approximately 16.5 miles.

All regulations and guide lines will be followed and no deviations will be made unless all concerned agencies are notified.

6. SOURCE OF CONSTRUCTION MATERIAL

All construction material for this location site and access road shall be borrow material accumulated during construction of the location site and access road. No additional road gravels or pit lining material from other sources are anticipated at this time, but if they are required, the appropriate actions will be taken to acquire them from private sources.

The native material that will be used in the construction of this location site and access road will consist of sandy-clay soils and sandstone and shale material gathered in actual construction of the road and location.

7. METHODS OF HANDLING WASTE DISPOSAL

A reserve and burn pit shall be constructed, and at least one half of the depth of the reserve pit shall be below the existing ground surface. All trash and flammable materials will be burned in the burn pit. Non-flammable material such as cuttings, salts, chemicals, etc., will be buried in the reserve pit and covered with a minimum of four feet of earth material. Prior to the onset of drilling, the burn pit will be fenced on all four sides with a net wire, and the reserve pit will be fenced on three sides. Upon completion of drilling the fourth side of the reserve pit will be fenced and allowed to dry completely before backfilling and reclamation are attempted. A portable chemical toilet will be supplied for human waste.

8. ANCILLARY FACILITIES

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. WELL SITE LAYOUT

See attached Location Layout Sheet.

The B.L.M. District Manager shall be notified before any construction begins on the proposed location site and road.

As mentioned in Item #6, the pits will be unlined unless it is determined by the representatives of the agencies involved that the materials are too porous and would cause contamination to the surrounding area; then the pits will be lined with a gel

9. WELL SITE LAYOUT - continued

and any other type of material necessary to make it safe and tight.

When drilling activities commence, all work shall proceed in a neat and orderly sequence.

10. PLANS FOR RESTORATION OF SURFACE

As there is some topsoil on the location site, all topsoil shall be stripped and stockpiled. (See Location Layout Sheet). When all drilling and production activities have been completed, the location site and access road will be reshaped to the original contour and stockpiled topsoil spread over the disturbed area. Fences around pits are to be removed upon completion of drilling activities and all waste being contained in the trash pit shall be buried with a minimum of 4' of cover. The reserve pit will be completely fenced and allowed to dry before covering. When restoration activities have been completed, the location site and access ramp shall be reseeded with a seed mixture recommended by the B.L.M. District Manager when the moisture content of the soil is adequate for germination. The Lessee further covenants and agrees that all of said cleanup and restoration activities shall be done and performed in a diligent and most workmanlike manner and in strict conformity with the above mentioned Items #7 and #10.

11. OTHER INFORMATION

The Topography of the General Area - (See Topographic Map "A")

The area slopes from the rim of the Book Cliff Mountains to the South to the Green River to the North, and is a portion of the Roan Plateau. The area is interlaced with numerous canyons, and ridges which are extremely steep with numerous ledges formed in sandstone, conglomerates, and shale deposits.

The majority of the washes and streams in the area are non-perennial in nature with the only one in the area having a year round flow being the White River to the Southwest, of which the numerous washes, draws, and non-perennial streams are tributaries.

The majority of the surrounding drainages are of a non-perennial nature with normal flow limited to the early spring run-off and extremely heavy thunderstorms, or rain storms of high intensity lasting over and extended period of time which are rare in nature as the normal annual precipitation is only 8".

All drainages in the immediate area are non-perennial, flowing to the Southwest, and are tributaries to the White River.

The soils of this semi-arid area are of the Uinta Formation and Duchesne River Formation (the Fluvial Sandstone and Mudstone) from Eocene Epoch and Quaternary Epoch (gravel surfaces) and the visible geologic structure consists of light brownish-gray clays (OL) to sandy soils (SM-ML) with poorly graded gravels and shales with outcrops of rock (sandstone, mudstone, conglomerates, and shale).

Due to the low precipitation average, climatic conditions, and marginal types of soils, the vegetation that is found in the area is common of the semi-arid region we are located in and in the lower elevations of the Uinta Basin. It consists of, as primary flora, areas of sagebrush, rabbitbrush, some grasses, and cacti, and large areas of bare soil devoid of any growth. In the areas away from and in the vicinity of non-perennial streams, and along the edges of perennial streams, cottonwoods, willows, tamarack, sagebrush, rabbitbrush, grasses, and cacti can be found.

11. OTHER INFORMATION - continued

The fauna of the area is sparse and consists predominantly of the mule deer, coyotes, pronghorn antelope, rabbits, varieties of small ground squirrels and other types of rodents, and various reptiles common to the area.

The birds of the area are raptor, finches, ground sparrows, magpies, crows and jays.

The area is used by man for the primary purpose of grazing domestic livestock.

The Topography of the Immediate Area (See Topographic Map "B")

C.I.G.E. #50-24-10-21 location site sits on a relatively flat area on a small ridge which slopes to the East into Sand Wash. Sand Wash is a non-perennial drainage, which drains to the North into the White River.

The non-perennial drainages in the immediate area drain to the Northwest, and are tributaries to the aforementioned White River.

The geologic structure of the location is of Uinta Formation and consists of light brownish-gray sandy clay (SP-CL) with some sandstone outcrops.

The ground slopes from the Southwest through the location to the Northeast at approximately a 3% grade.

The location is covered with some sagebrush, and grasses.

There are no occupied dwellings or other facilities of this nature in the general area.

There are no visible archaeological, historical, or cultural sites within any reasonable proximity of the proposed location site. (See Topographic Map "A")

12. LESSEE'S OPERATOR'S REPRESENTATIVE

Frank R. Midkiff
C.I.G. Exploration Incorporated
P.O. Box 749
Denver, Colorado 80201

TELE: 1-303-572-1121


13. CERTIFICATION

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by C.I.G. Exploration Incorporated and its contractors and sub-contractors in conformity with this plan and terms and conditions with this plan and terms and conditions with which it is approved.

DATE

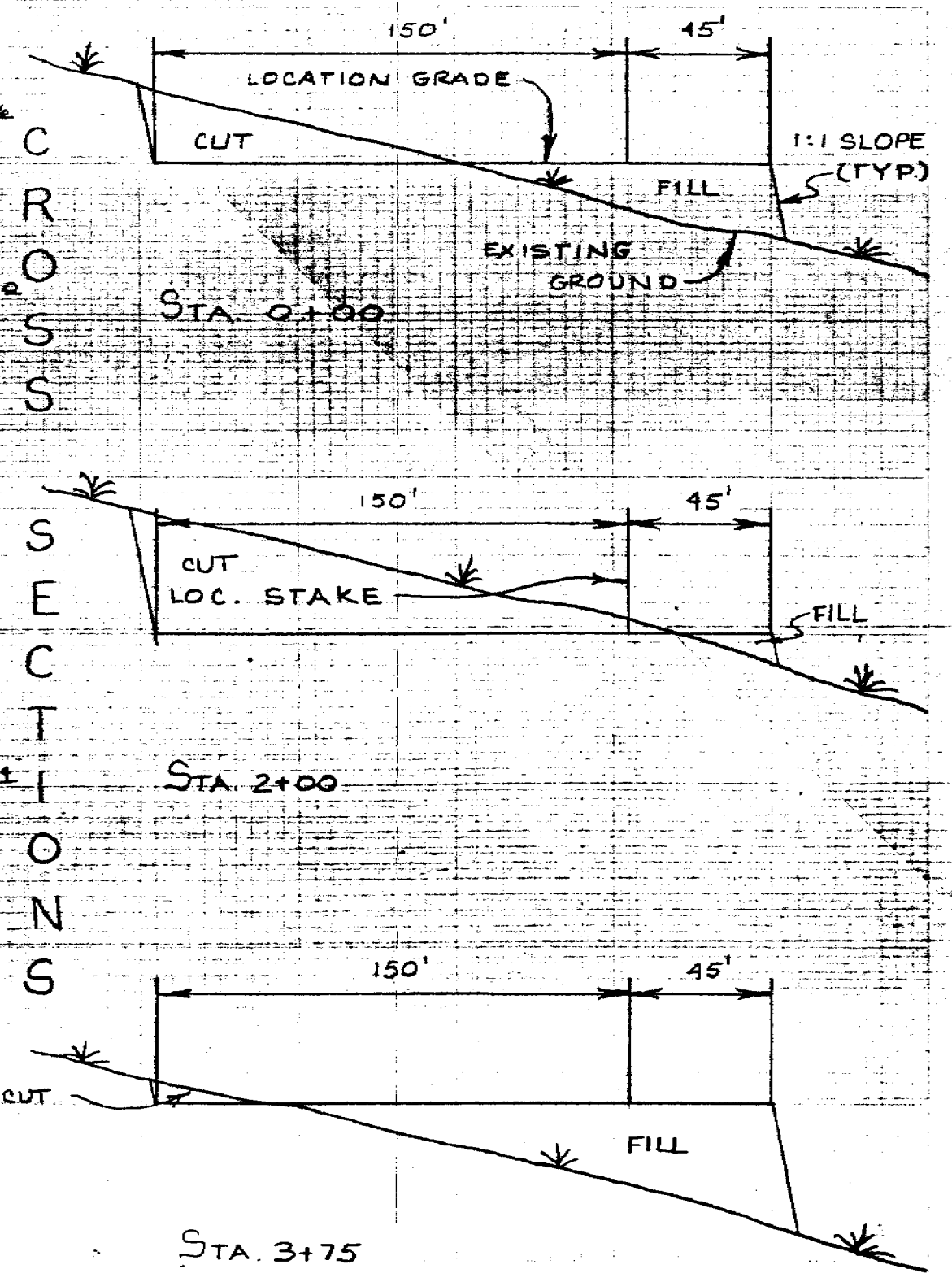
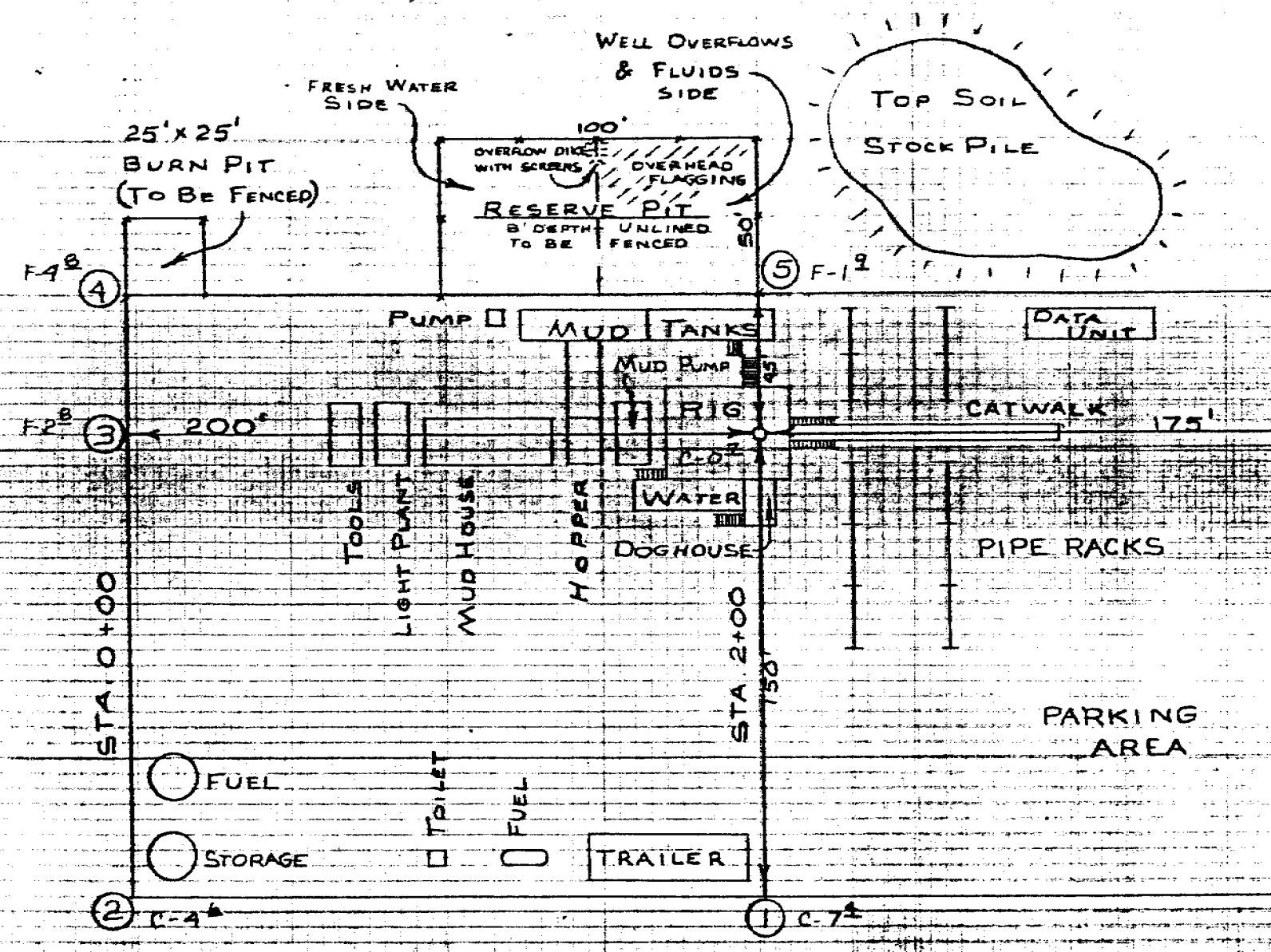
7/27/78

Frank R. Midkiff

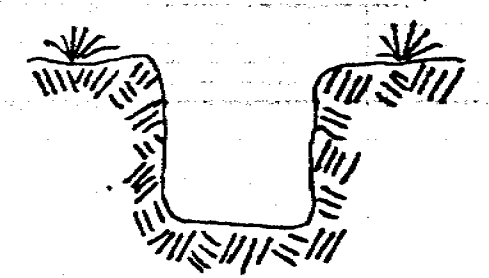


C.I.G. EXPLORATION

C.I.G.E. #50-24-10-21
LOCATION LAYOUT & CUT SHEET

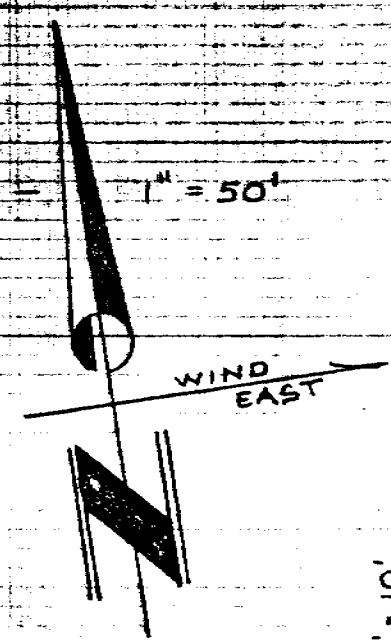


SOILS LITHOLOGY
- NO SCALE -



LIGHT BROWN SANDY CLAY

SCALE = 1" = 50'



SCALE 1" = 50'

APPROX. YARDAGES	
CUT	5,427 CU. YDS.
FILL	3,215 CU. YDS.

C.I.G. EXPLORATION, INC.

C.I.G.E # 50-24-10-21

TOPO. MAP 'B'



SCALE 1" = 2000'

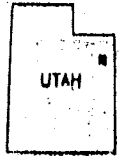
ROAD CLASSIFICATION

Medium-duty

Light-duty

Unimproved dirt

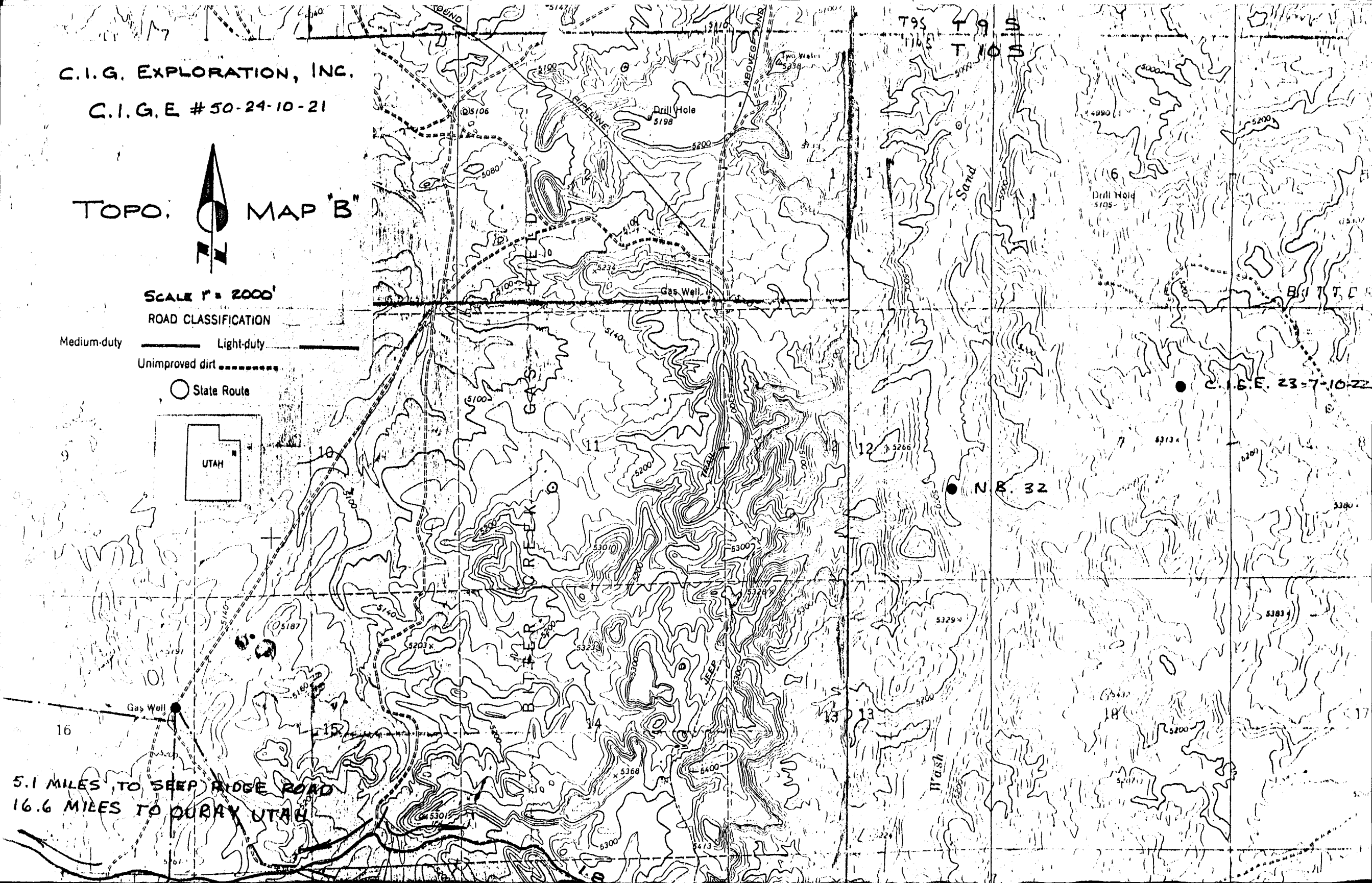
State Route

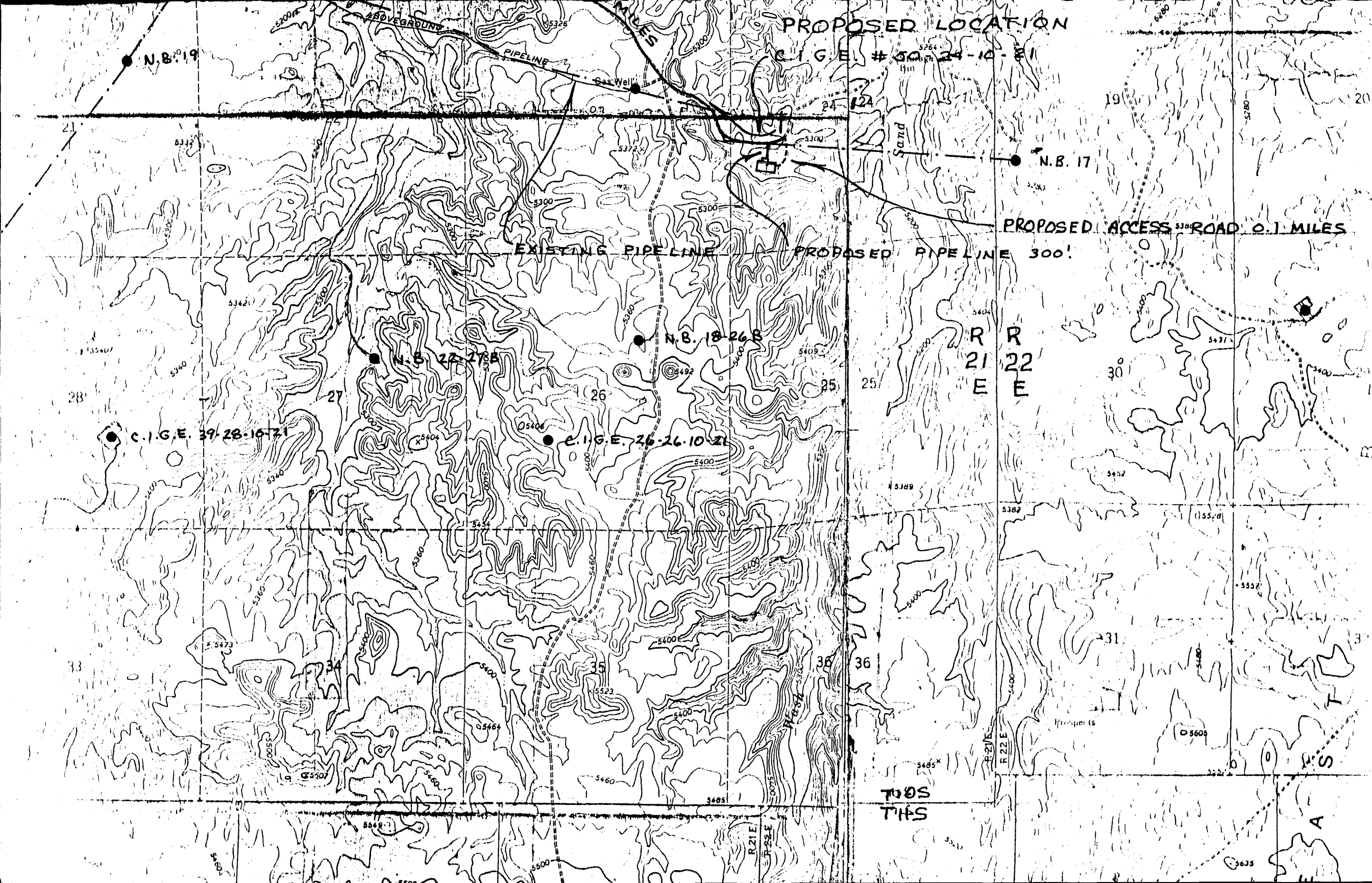


UTAH

16

5.1 MILES TO SEEP RIDGE ROAD
16.6 MILES TO DURAY UTAH





STATE OF UTAH
DIVISION OF OIL, GAS, AND MINING

513m

** FILE NOTATIONS **

Date: Oct. 3, 1978
Operator: Cig Exploration
Well No: Natural Buttes 50-24-10-21
Location: Sec. 24 T. 10S R. 21E County: Uintah

File Prepared: ☐

Entered on N.I.D.: ☐

Card Indexed: ☐

Completion Sheet: ☐

API Number: 43-047-30505

CHECKED BY:

Administrative Assistant: [Signature]

Remarks: Unit well ok Po

Petroleum Engineer: [Signature]

Remarks:

Director: [Signature]

Remarks:

INCLUDE WITHIN APPROVAL LETTER:

Bond Required: ☒

Survey Plat Required: ☐

Order No. _____

Surface Casing Change ☐
to _____

Rule C-3(c), Topographic exception/company owns or controls acreage
within a 660' radius of proposed site ☐

O.K. Rule C-3 ☐

O.K. In Nat. Buttes Unit

Other:

☒ Letter written/Approved

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒GAS
WELL ☒

OTHER

SINGLE
ZONE ☒MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

CIG EXPLORATION, INC.

3. ADDRESS OF OPERATOR

P. O. BOX 749, DENVER, CO 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface
724' FWL & 1752' FSL, Section 24, T10S, R21E

At proposed prod. zone

SAME AS ABOVE

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

APPROXIMATELY 15 MILES SOUTHEAST OF OURAY, UTAH

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drg. unit line, if any)

724'

16. NO. OF ACRES IN LEASE

562.5

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLYING FOR, ON THIS LEASE, FT.

N/A

19. PROPOSED DEPTH

6400'

21. ELEVATIONS (Show whether DP, RT, CR, etc.)

5320'

UNGRADED GROUND

22. APPROX. DATE WORK WILL START*

December 1, 1978

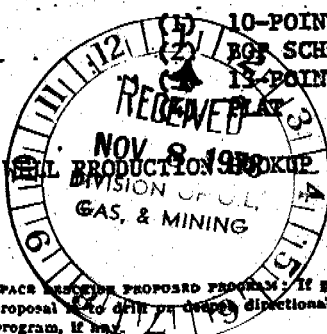
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PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8"	36#	200'	125 sx
7-7/8"	4-1/2"	11.6#	6400'	CIRCULATE CEMENT BACK TO SURFACE

FRESH WATER AQUIFERS WILL BE PROTECTED WHEN THE LONG STRING IS RUN AND CEMENT IS
CIRCULATED TO SURFACE.

SEE ATTACHED SUPPLIMENTS FOR FURTHER INFORMATION:



GAS WELL PRODUCTION TO FOLLOW ON SUNDRY NOTICE.

State of Utah, Department of Natural Resources
Division of Oil, Gas, and Mining
1538 West North Temple
Salt Lake City, Utah 84116

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill on deeper, directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

F. R. MIDKIFF

TITLE

DISTRICT SUPERINTENDENT

DATE September 27, 1978

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

H. B. Hamer

TITLE

ENGINEER

DATE

NOV 7 1978

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED
TO OPERATOR'S COPYNECESSARY FLARING OF GAS DURING
DRILLING AND COMPLETION APPROVE
SUBJECT TO ROYALTY (NTL-4)

FROM: : DISTRICT GEOLOGIST, ME, SALT LAKE CITY, UTAH

TO : DISTRICT ENGINEER, LG, SALT LAKE CITY, UTAH

SUBJECT: APD MINERAL EVALUATION REPORT

LEASE NO. U-01393-D

OPERATOR: CIG EXPLORATION, INC.

WELL NO. CIGE 50-24-10-21

LOCATION: 1/4 NW 1/4 SW 1/4 sec. 24, T. 10 S., R. 21 E., SLM

UINTAH County, UTAH

1. Stratigraphy: OPERATOR ESTIMATES ARE REASONABLE.

2. Fresh Water: SEE ATTACHED WRD REPORT

3. Leasable Minerals: VALUABLE PROSPECTIVELY FOR GILSONITE AND OIL SHALE. MOST VALUABLE OIL SHALE WILL BE FOUND IN THE MAHOGANY ZONE OF THE PARACHUTE CK. MEM. OF THE GREEN RIVER FM. AT A DEPTH OF ABOUT 2000' ±.

4. Additional Logs Needed: NONE

5. Potential Geologic Hazards: NONE ANTICIPATED

6. References and Remarks: WITHIN BITTER CK. KGS.
USGS FILES SLC, UT

Signature: TRA Date: 10 - 20 - 78

Depths of fresh-water zones:

Gas Producing Enterprises, Inc., Natural Buttes Unit #7, Bitter Creek Field

1,320' fsl, 1,320; fel, sec. 3, T.10 S., R.21 E., SLBM, Uintah Co., Utah

Elev. (4,950 ft), test to 10,000 ft

Casing proposed to 10,000 ft

Formation tops, approx.:

Uinta Fm	surface
Green River Fm	1,700 ft
Wasatch Fm	4,800 ft
Mesaverde Grp	8,000 ft
Mancos Sh	10,300 ft

There are no water wells on record in the near vicinity of the proposed test. A deep well about 2 miles southwest of this site produced useable water (brackish to saline) from about 3,500 ft. Useable water may occur as deep at this location.

CTS
6-9-70

United States Department of the Interior
Geological Survey
8440 Federal Building
Salt Lake City, Utah 84138

Usual Environmental Analysis

Lease No. U-01393-DOperator C.I.G. Expl., Inc.Well No. CIGE-50-24-10-21Location S $\frac{1}{2}$ NSW 724'FWL & 1,752'FSL Sec. 24 T. 10 S. R. 21 E.County Uintah State Utah Field Bitter CreekStatus: Surface Ownership Public Minerals FederalJoint Field Inspection Date October 17, 1978

Participants and Organizations:

<u>Lynn Henson</u>	<u>USGS</u>
<u>Steve Ellis</u>	<u>B.L.M.</u>
<u>Cory Bodman</u>	<u>B.L.M.</u>
<u>Don Shull</u>	<u>CIGE</u>
<u>Floyd Murray</u>	<u>De Casada Const.</u>
<u> </u>	<u> </u>
<u> </u>	<u> </u>
<u> </u>	<u> </u>

Related Environmental Analyses and References:

- (1) Unit Resource Analysis - Seep Ridge Planning Unit (08-01) - BLM,
Vernal
- (2)

*Pad 250 x 375
Pit 50 x 100
1/8 mi new access
Flow line not lined
Stockpile topsoil
3 ac*

Noted - G. Diwachak

Analysis Prepared by: Lynn Henson
Petroleum Eng. Tech.Reviewed by:
George Diwachak
Environmental Scientist
Salt Lake City, UtahDate October 17, 1978

Proposed Action:

On October 3, 1978, C.I.G. Expl., Inc. filed an Application for Permit to Drill the No. CIGE-50-24-10-21 development well, a 6,400-foot oil and gas test of the Wasatch Formation; located at an elevation of 5,320 ft. in the S $\frac{1}{2}$ NWSW Sec. 24-10 S., 21 E., on Federal mineral lands and public surface; Lease No. U-01393-D. There was no objection raised to the wellsite nor to the access road.

A rotary rig would be used for the drilling. An adequate casing and cementing program is proposed. Fresh-water sands and other mineral-bearing formations would be protected. A Blowout Preventer would be used during the drilling of the well. The proposed pressure rating should be adequate. Details of the operator's NTL-6 10-Point Subsurface and 13-Point Surface Protection Plans are on file in the U.S.G.S. District Office in Salt Lake City, Utah, and the U.S.G.S. Northern Rocky Mountain Area Office in Casper, Wyoming.

A working agreement has been reached with the Bureau of Land Management, the controlling surface agency. Rehabilitation plans would be decided upon as the well neared completion; the Surface Management Agency would be consulted for technical expertise on those arrangements.

The operator proposes to construct a drill pad 250 ft. wide x 375 ft. long, and a reserve pit 100 ft. x 50 ft. A new access road would be constructed 18 ft. wide x 1/8 mi. long. The operator proposes to construct production facilities on a disturbed area of the proposed drill pad. If production is established, plans for a gas flow line would be submitted to the appropriate agencies for approval. The anticipated starting date is November 1, 1978, and duration of drilling activities would be about 20 days.

Location and Natural Setting:

The proposed drillsite is approximately 15 mi. Southeast of Ouray, Utah, the nearest town. A fair road runs to within approximately 700 ft. of the location. This well is in the Bitter Creek field.

Topography:

Rough breaks and steep coulees.

Geology:

The surface geology is the Uintah Formation.

The soil is sandy clay.

No geologic hazards are known near the drillsite.

Seismic risk for the area is minor. Anticipated geologic tops are filed with the 10-Point Subsurface Protection Plan.

Approval of the proposed action would be conditioned that adequate and sufficient electric/radioactive/density logging surveys would be made to locate and identify any potential mineral resources. Production casing and cementing would be adjusted to assure no influence of the hydrocarbon zones through the well bore on these minerals. In the event the well is abandoned, cement plugs would be placed with drilling fluid in the hole to assure protection of any mineral resources.

The potential for loss of circulation would exist (and is possible in the sandstone units of the Mesa Verde). Loss of circulation may result in the lowering of the mud levels which might permit exposed upper formations to blowout or to cause formation to slough and stick to drill pipe. A loss of circulation would result in contamination due to the introduction of drilling muds, mud chemicals, filler materials, and water deep into the permeable zone, fissures, fractures, and caverns within the formation in which fluid loss is occurring. The use of special drilling techniques, drilling muds, and lost circulation materials may be effective in controlling lost circulation.

A geologic review of the proposed action has been furnished by the Area Geologist, U.S. Geological Survey, Salt Lake City, Utah. The operator's drilling, cementing, casing, and blowout prevention programs have been reviewed by the Geological Survey engineers and determined to be adequate.

Soils:

No detailed soil survey has been made of the project area. The top soils in the area range from a sandy clay to a clay-type soil. The soil is subject to runoff from rainfall and has a high runoff potential, and sediment production would be high. The soils are mildly to moderately alkaline and support the salt-desert shrub community.

Top soil would be removed from the surface and stockpiled. The soil would be spread over the surface of disturbed areas when abandoned to aid in rehabilitation of the surface. Rehabilitation is necessary to prevent erosion and encroachment of undesired species on the disturbed areas. The operator proposes to rehabilitate the location and access roads per the recommendations of the Bureau of Land Management.

Approximately three acres of land would be stripped of vegetation. This would increase the erosional potential. Proper construction practice, construction of water bars, and reseeding of slope-cut area would minimize this impact.

Air:

No specific data on air quality is available at the proposed location. There would be a minor increase in air pollution due to emissions from rig and support traffic engines. Particulate matter would increase due to dust from travel over unpaved dirt roads. The potential for increased air pollution due to leaks, spills, and fire would be possible.

Relatively heavy traffic would be anticipated during the drilling operations phase, increasing dust levels and exhaust pollutants in the area. If the well was to be completed for production, traffic would be reduced substantially to a maintenance schedule with a corresponding decrease of dust levels and exhaust pollutants to minor levels. If the project results in a dry hole, all operations and impact from vehicular traffic would cease after abandonment. Due to the limited number of service vehicles and limited time span of their operation, the air quality would not be substantially reduced.

Toxic or noxious gases would not be anticipated.

Precipitation:

Annual rainfall should range from about 8 to 11 inches at the proposed location. The majority of the numerous drainages in the surrounding area are of a nonperennial nature flowing only during early spring runoff and during extremely heavy rain storms. This type of storm is rather uncommon as the normal annual precipitation is around 8 inches.

Winds are medium and gusty, occurring predominantly from West to East. Air mass inversions are rare.

The climate is semi-arid with abundant sunshine, hot summers and cold winters, with temperature variations on a daily and seasonal basis.

Surface-Water Hydrology:

The location drains to Sand Wash then on to the White River.

Some additional erosion would be expected in the area since surface vegetation would be removed. If erosion became serious, drainage systems such as water bars and dikes would be installed to minimize the problem. The proposed project should have minor impact on the surface-water systems.

The potentials for pollution would be present from leaks or spills. The operator is required to report and clean-up all spills or leaks.

Ground-Water Hydrology:

Some minor pollution of ground-water systems would occur with the introduction of drilling fluids (filtrate) into the aquifer. This is normal and unavoidable during rotary drilling operations. The potential for communication, contamination, and commingling of formations via the well bore would be possible. The drilling program is designed to prevent this. There is need for more data on hydrologic systems in the area and the drilling of this well may provide some basis information as all shows of fresh water would be reported. Water production with the gas would require disposal of produced water per the requirements of NTL-2B.

The depths of fresh-water formations are listed in the 10-Point Subsurface Protection Plan. There would be no tangible effect on water migration in fresh-water aquifers. The pits would be unlined. If fresh water should be available from the well, the owner or surface agency may request completion as a water well if given approval.

Vegetation:

Very sparse Native Grass.

Plants in the area are of the salt-desert-shrub types.

Proposed action would remove about three acres of vegetation. Removal of vegetation would increase the erosional potential and there would be a minor decrease in the amount of vegetation available for grazing.

The operator proposes to rehabilitate the surface upon completion of operations.

Wildlife:

Animal and plant inventory has been made by the Bureau of Land Management. No endangered plants or animals are known to habitat on the project area. The fauna of the area consists predominantly of mule deer, coyotes, rabbits, foxes, and varieties of small ground squirrels and other types of rodents and various types of reptiles. The area is used by man for the primary purpose of grazing domestic livestock and sheep. The birds of the area are raptors, finches, ground sparrows, magpies, crows, and jays.

Social-Economic Effect:

An on the ground surface archaeological reconnaissance would be required prior to approval of the proposed action. Appropriate clearances would then be obtained from the surface managing agency. If an historic artifact, an archaeological feature or site is discovered during construction operations, activity would cease until the extent, the scientific importance, and the method of mitigating the adverse effects could be determined by a qualified cultural resource specialist.

There are no occupied dwellings and other facilities of this nature in the general area. Minor distractions from aesthetics would occur over the lifetime of the project and are judged to be minor. All permanent facilities placed on the location should be painted a color to blend in with the natural environment. Present use of the area is grazing, recreation, and oil and gas activities.

Noise from the drilling operation may temporarily disturb wildlife and people in the area. Noise levels would be moderately high during drilling and completion operations. Upon completion, noise levels would be infrequent and significantly less. If the area is abandoned, noise levels should return to predrilling levels.

The site is not visible from any major roads. After drilling operations, completion equipment will be visible to passersby of the area but would not present a major intrusion.

The economic effect of one well would be difficult to determine. The overall effect of oil and gas drilling and production activity are significant in Uintah County.

But should this well discover a significant new hydrocarbon source, local, State, and possibly National economies might be improved. In this instance, other development wells would be anticipated with substantially greater environmental and economic impacts.

Should the wellsite be abandoned, surface rehabilitation would be done according to the surface agency's requirements and U.S. Geological Survey's satisfaction. This would involve leveling, contouring, reseeding, etc., of the location and possibly the access road. If the well should produce hydrocarbons, measures would be undertaken to protect wildlife and domestic stock from the production equipment.

There are no national, state, or local parks, forests, wildlife refuges or ranges, grasslands, monuments, trails or other formally designated recreational facilities near the proposed location.

The proposed location is within the Seep Ridge Planning Unit (08-01). This Environmental Assessment Record was compiled by the Bureau of Land Management, the surface managing agency of the Federal surface in the area. The study includes additional information on the environmental impact of oil and gas operations in this area and gives land use recommendations. The E.A.R. is on file in the agency's State offices and is incorporated herein by reference.

Waste Disposal:

The mud and reserve pits would contain all fluids used during the drilling operations. A trash pit would be utilized for any solid wastes generated at the site and would be buried at the completion of the operations. Sewage would be handled according to State sanitary codes. For further information, see the 13-Point Surface Plan.

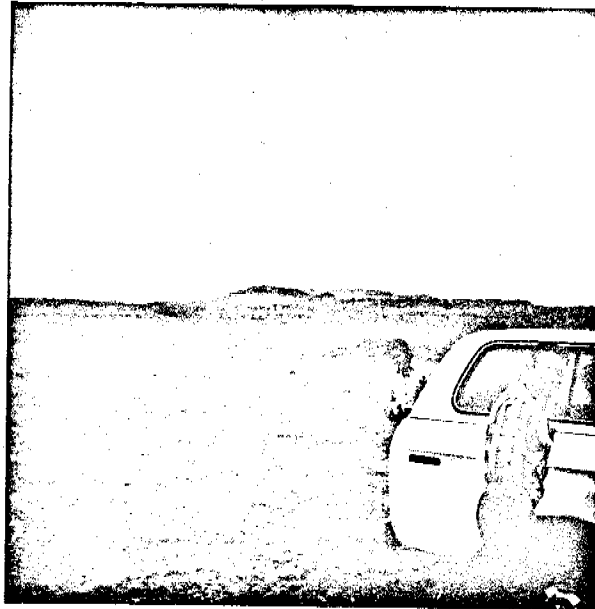
Alternatives to the Proposed Action:

(1) Not approving the proposed permit -- The oil and gas lease grants the Lessee exclusive right to drill for, mine, extract, remove, and dispose of all oil and gas deposits.

Under leasing provisions, the Geological Survey has an obligation to allow mineral development if the environmental consequences are not too severe or irreversible. Upon rehabilitation of the site, the environmental effects of this action would be substantially mitigated, if not totally annulled. Permanent damage to the surface and subsurface would be prevented as much as possible under the U.S. Geological Survey and other controlling agencies' supervision with rehabilitation planning reversing almost all effects. Additionally, the growing scarcity of oil and gas should be taken into consideration. Therefore, the alternative of not proceeding with the proposed action at this time is rejected.

N.

10-13-78



CIGE-# 50-24-10-21

U-01393-D

EA#1417

5 1/2 NWSW SEC. 24-10S-21E

BITTER CREEK FIELD

LA

(2) Minor relocation of the wellsite access road or any special restrictive stipulations or modifications to the proposed program would not significantly reduce the environmental impact. There are no severe vegetative, animal, or archaeological-historical-cultural conflicts at the site. Since only a minor impact on the environment would be expected, the alternative of moving the location is rejected. At abandonment, normal rehabilitation of the area such as contouring, reseeding, etc., would be undertaken with an eventual return to the present status as outlined in the 13-Point Surface Plan.

Adverse Environmental Effects Which Cannot Be Avoided:

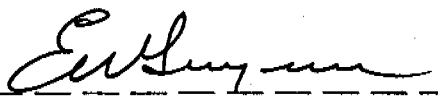
Surface disturbance and removal of vegetation from approximately three acres of land surface from the lifetime of the project which would result in increased and accelerated erosional potential. Grazing would be eliminated in the disturbed areas and there would be a minor and temporary disturbance of wildlife and livestock. Minor induced air pollution due to exhaust emissions from rig engines of support traffic engines would occur. Minor increase in dust pollution would occur due to vehicular traffic associated with the operation. If the well is a gas producer, additional surface disturbance would be required to install production pipelines. The potential for fires, leaks, spills of gas, oil, or water would exist. During the construction and drilling phases of the project, noise levels would increase. Potential for subsurface damage to fresh-water aquifers and other geologic formations exists. Minor distractions from aesthetics during the lifetime of the project would exist. If the well is a producer, an irreplaceable and irretrievable commitment of resources would be made. Erosion from the site would eventually be carried as sediment in the White River. The potential for pollution to the Sand Wash would exist through leaks and spills.

Determination:

This requested action does not constitute a major Federal action significantly affecting the environment in the sense of NEPA, Section 102(2)(C).

Date

11/2/78


District Engineer
U.S. Geological Survey
Conservation Division
Oil and Gas Operations
Salt Lake City District

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPPLICATE*
(Other instructions
verse side)Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. U-01393-D	
2. NAME OF OPERATOR GAS PRODUCING ENTERPRISES, INC.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A	
3. ADDRESS OF OPERATOR P.O. BOX 749, DENVER, CO. 80201		7. UNIT AGREEMENT NAME NATURAL BUTTES UNIT	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 724' FWL & 1752' FSL, Section 24, T10S, R21E		8. FARM OR LEASE NAME NATURAL BUTTES	
14. PERMIT NO. 43-047-30505		9. WELL NO. CIGE 50-24-10-21	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5320' UNGRADED GROUND		10. FIELD AND POOL, OR WILDCAT BITTER CREEK FIELD	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 24, T10S, R21E	
		12. COUNTY OR PARISH UINTAH	
		13. STATE UTAH	

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>	WATER SHUT-OFF	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	FRACTURE TREATMENT	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	SHOOTING OR ACIDIZING	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	(Other) PIPELINE HOOKUP	<input checked="" type="checkbox"/>
(Other) PIPELINE HOOKUP	<input checked="" type="checkbox"/>	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

SUPPLEMENT TO APPLICATION FOR PERMIT TO DRILL

- (1) PROPOSED GAS WELL PRODUCTION HOOKUP
- (A) TYPICAL WELL HEAD INSTALLATION
- (B) TYPICAL MAIN LINES AND PIPE ANCHOR DETAIL
- (2) PROPOSED PIPELINE MAP
- (3) PROPOSED ROAD FOR FLOW LINE AND PIPELINE RIGHT OF WAY

FOR ON-SITE CONTACT:

EDWARD N. NORRIS AT (801) 789-2773

OR

IRA K. McCLANAHAN AT (303) 473-2300

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE

DATE

(This space for Federal or State office use)

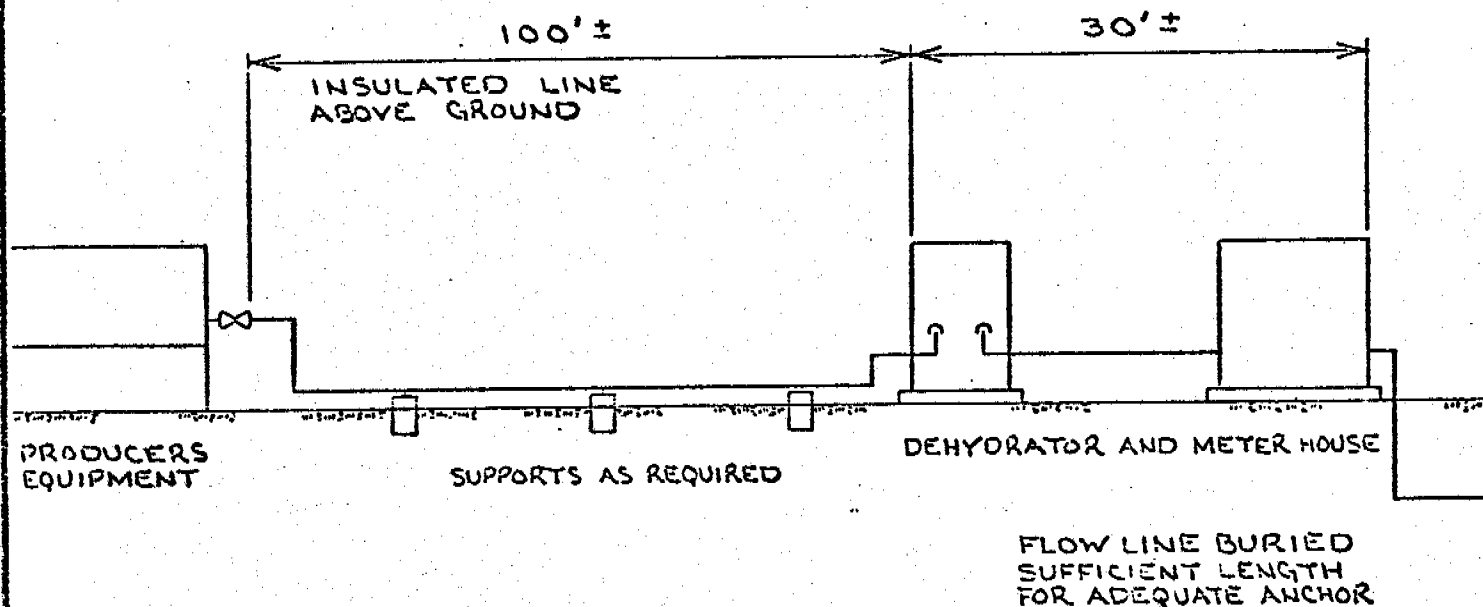
APPROVED BY

TITLE

DATE

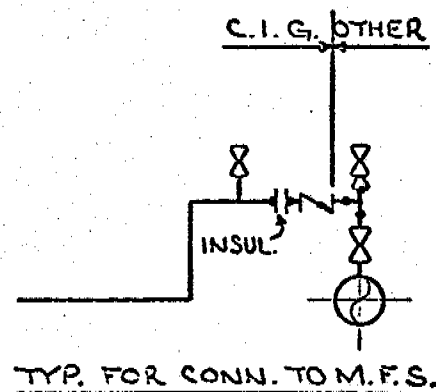
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

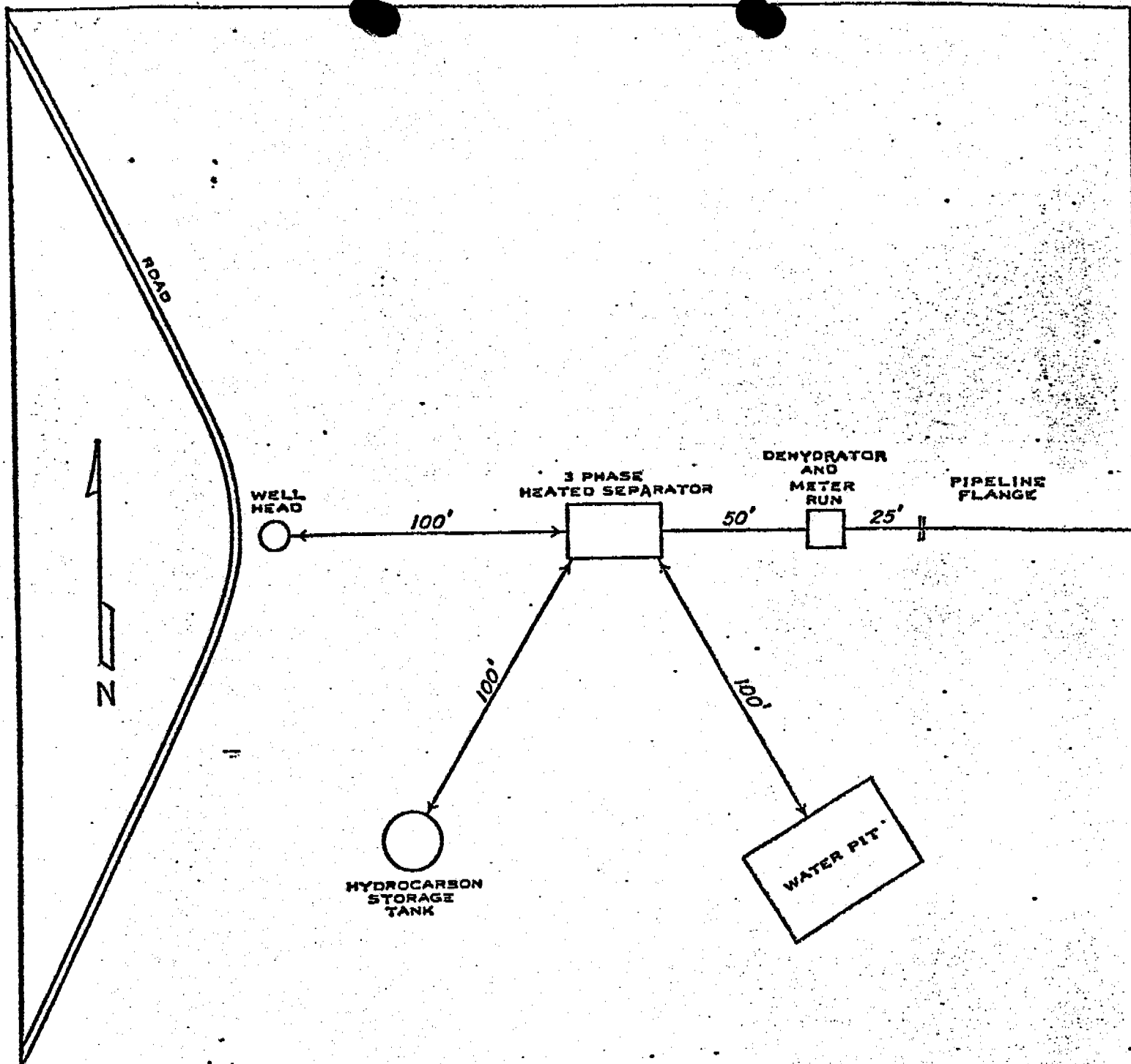


						Colorado Interstate Gas Co.	
						COLORADO SPRINGS, COLORADO	
						TYPICAL WELL HEAD INSTALLATION	
						NATURAL BUTTES FIELD	
						UINTAH COUNTY, UTAH	
NO	DESCRIPTION	DATE	BY	CHK	APPR	SCALE: NONE	DRAWN: RWP
REVISIONS						DATE: 7-19-77	CHECK: 10023853

115FP-2 1/8



						Colorado Interstate Gas Co. COLORADO SPRINGS COLORADO	
						TYPICAL CONNECTION TO MAIN LINES AND PIPE ANCHOR DETAIL - NATURAL BUTTES FIELD	
						UTAH COUNTY, UTAH	
1	23858	REVISE STARTING POINT	8-27-77	RWP	AS	SCALE: NONE DRAWN RWP AND AS DATE 7-7-77 CHECKED BY C.C. 23858	
NO. C.O. NO.		DESCRIPTION	DATE	BY	CHK.	APP.	
		REVISIONS					



GAS PRODUCING ENTERPRISES, INC.
DENVER, COLORADO

CIGE 50-24-10-21
Section 24, T10S, R21E
Uintah County, Utah

ESTIMATE SKETCH

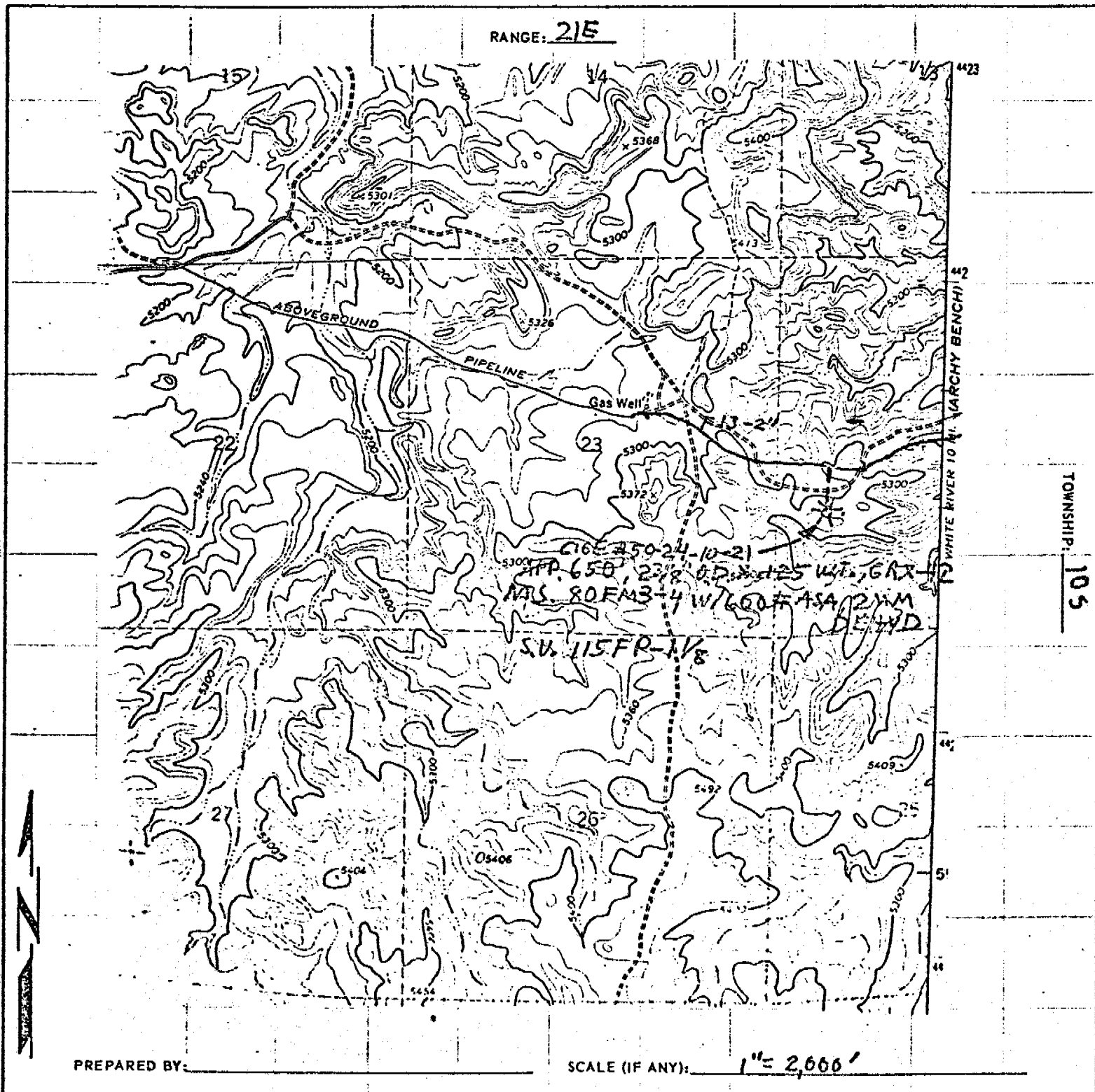
DATE: 11/13/78
STARTING DATE: _____
EST. COMP. DATE: _____
☐ COMPANY ☒ CONTRACT

☒ COLORADO INTERSTATE GAS COMPANY
☐ NORTHWEST PIPELINE CORPORATION

W. O. NO.: _____
REVISION NO.: _____
BUDGET NO.: _____
RELATED DWG.: 115F4-1(C)

LOCATION: 1752' E SL, 724' FWL, SECT. 24-105-21E COUNTY: Uintah STATE: Utah
DESCRIPTION OF WORK: Connect C16E #50-24-10-21 Natural Buttes

REQUESTED BY: _____ APPROXIMATE MILEAGE: _____ PROJECT ENGINEER: JFK



Freehand sketch of location of proposed installation to be constructed or retired showing relative location of existing facilities in area.

Statement for permit to lay flow line, to be included with application for Drilling Permit -- CIGE #50-24-10-21.

Upon approval of all concerned regulatory agencies, CIG proposes to install a surface flow line from CIGE #50-24-10-21 in a Northernly direction through the SW/4 of Section 24, connecting to a 2" line (F13-2") in the SW/4 of Section 24, all in T10S-R21E. The line will be approximately 650' long as shown on the attached sketches.

Pipe will be 2-3/8" O.D. x .125" W.T., Grade X-42 EW. It will be butt-welded in place using portable electric welding machines, and will be laid above ground except where burial is necessary for road crossing, ditches, or other obstructions.

CIG will connect to Producer's separator and install dehydration and metering facilities within 100' of the connection.

Some damage will be incurred by trucks transporting pipe and welding equipment over the pipeline route, but surface disturbance will be held to a minimum.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE
(Other instructions
verse side)Form approved
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-01393-D

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

N/A

7. UNIT AGREEMENT NAME

NATURAL BUTTES UNIT

8. FARM OR LEASE NAME

NATURAL BUTTES

9. WELL NO.

CIGE 50-24-10-21

10. FIELD AND POOL, OR WILDCAT

BITTER CREEK FIELD

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sec. 24, T10S, R21E

12. COUNTY OR PARISH

UINTAH

13. STATE

UTAH

1. OIL WELL ☒ GAS WELL ☒ OTHER ☐
2. NAME OF OPERATOR
GAS PRODUCING ENTERPRISES, INC.
3. ADDRESS OF OPERATOR
P.O. BOX 749, DENVER, CO. 80201
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.
See also space 17 below.)
At surface
724' FWL & 1752' FSL, Section 24, T10S, R21E

14. PERMIT NO.
43-047-30505
15. ELEVATIONS (Show whether DF, RT, GN, etc.)
5320' UNGRADED GROUND

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☐CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☐SPUD ☒(Note: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

VERBAL NOTIFICATION OF SPUD ATTACHED

18. I hereby certify that the foregoing is true and correct

SIGNED

E.R. Midkiff
E.R. Midkiff

TITLE District Superintendent

DATE December 28, 1978

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

December 28, 1978

MEMO TO FILE

Re: CIG EXPLORATION, INC.
CIGE 50-24-10-21
Sec. 24, T. 10S, R. 21E
Uintah County, Utah

This office has been informed that this well has been spudded in on November 21, 1978 at 3:00 p.m. All-Western Dryhole Spudder was the prime contractor,

On approximately January 22, 1979, Thompson Rig #5 will move in.

CLEON B. FEIGHT
DIRECTOR

CBF/lw
cc: State Industrial Commission
U.S. Geological Survey

NOTICE OF SPUD

WELL NAME: CI6E 50-24-10-21

LOCATION: NW 1/4 SW 1/4 SECTION 24 T- 10S R- 21E

COUNTY: UINTAH STATE: UTA 4

LEASE NO.: U-01393-D * LEASE EXPIRATION DATE: 6-30-61

UNIT NAME (If Applicable): NATURAL BUTTES UNIT

DATE & TIME SPUDDED: 11-21-78 - 3 PM

DRY HOLE SPUDDER: ALL WESTERN

DETAILS OF SPUD (Hole, Casing, Cement, etc.): 12 1/4" Hole - 9 5/8" CS9.

(5 HS-36#) - 202' GL - 145 SX @ 1" H

ROTARY RIG NAME & NUMBER: THOMPSON #5

APPROXIMATE DATE ROTARY MOVES IN: JANUARY 22, 1979

* FOLLOW WITH SUNDRY NOTICE

USGS CALLED: DATE: 12-28-78

PERSON CALLED: MARY

STATE CALLED: DATE: 12-28-78

PERSON CALLED: KATHY

REPORTED BY: MAGGIE DOMINY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPPLICATE
(Other instructions on reverse side)Form approved
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. U-01393-D	
2. NAME OF OPERATOR GAS PRODUCING ENTERPRISES, INC.		6. IF INDIAN, ALLOTTEE OR TRIBAL NAME N/A	
3. ADDRESS OF OPERATOR P.O. BOX 749, DENVER, CO. 80201		7. UNIT AGREEMENT NAME NATURAL BUTTES UNIT	
4. LOCATION OF WELL (Report location clearly and in accordance with any State Requirements. See also space 17 below.) At surface 724' FWL & 1752' FSL, Section 24, T10S, R21E		8. FARM OR LEASE NAME NATURAL BUTTES	
14. PERMIT NO. 43-047-30505		9. WELL NO. CIGE 50-24-10-21	
15. ELEVATIONS (Show whether DF, RT, CR, etc.) 5320' UNGRADED GROUND		10. FIELD AND POOL, OR WILDCAT BITTER CREEK FIELD	
12. COUNTY OR PARISH UINTAH		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 24, T10S, R21E	
13. STATE UTAH			

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>	WATER SHUT-OFF	<input type="checkbox"/>
FRACURE TREAT	<input type="checkbox"/>	FRACURE TREATMENT	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	SHOOTING OR ACIDIZING	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	(Other)	<input type="checkbox"/>
(Other)	<input type="checkbox"/>		
FULL OR ALTER CASING	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
MULTIPLE COMPLETE	<input checked="" type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>	ABANDONMENT*	<input checked="" type="checkbox"/>
CHANGE PLANS	<input type="checkbox"/>		

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and source pertinent to this work.)*

VERBAL TO PLUG AND ABANDON RECEIVED FROM BILL MARTINS (USGS) @ 11:00
1/28/79. MIKE MENDER (STATE OF UTAH) NOTIFIED 1/29/79 AND VERBAL
RECIEVED.TD: 6200'
TOP OF WASATCH: 4275'
TOP OF GREEN RIVER: 1025'APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING

DATE: 2-8-79

9-5/8" casing set @ 213' KB
9.3#, 46 vis mud between all plugs: PY: M.J.M.SPOT CEMENT PLUGS: 4080' - 4280' 70 sx
1960' - 2160' 70 sx
820' - 1020' 70 sx
165' - 265' 35 sx

Surface - 25' 10 sx, w/dry hole marker

CHRONOLOGICAL OF WELL ATTACHED.

18. I hereby certify that the foregoing is true and correct

SIGNED

J. M. Stickland

TITLE

Area Engineer

DATE

1/20/79

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

CIGE 50-24-10-21 (N
Bitter Creek Field
Uintah County, Utah
AFE: 19515 WI: 100%
ATD: 6200' SD: 11-21-78
CIGE, Inc., Oper.
Atco Drilling, Inc., Contr.
9-58" @ 203' GL;

PAGE 1

LOCATION: NW SW, Section 24, T10S, R21E, Uintah County, Utah

TD: 205' GL WORT Thomson Rig #5
11-21-79 MI & RU All Western. Spud 12-1/4" hole @ 3 PM. Completed 12-1/4"
hole @ 205' GL @ 12 Noon, 11-22-78. RU & ran 5 jts 9-5/8", 36#,
K-55, ST&C csg & set @ 203' GL.

11-25-78 RU BJ Service & cmted 9-5/8" csg 2/130 sx Class "G" w/2% CaCl.
CIP @ 12:30 PM, 11-25-79.

11-26-78 thru 1-14-79 WORT.

11-15-79 thru 1-17-79 MI & RU Atco Drilling, Inc., Rig (Atco was formerly
Thomson Drilling).

1-18-79 RURT

TD: 1240' Drlg 8 1/2" hole (1040' - 20 1/2 hrs).
1-19-79 Drlg cmt inside 9-5/8" csg from 105' to 200'; Drlg 8 1/2" hole; Trip for
bit; Rig service; Survey (1/4° @ 656') (1/2° @ 1040'); Lost 200 BW @
740'; Drlg w/full rets @ 1240'.
MW 8.3, vis 27. Cum csts \$47,360.

TD: 2370' Drlg 8 1/2" hole w/fresh wtr (1130' - 22-3/4 hrs).
1-20-79 Drlg; Rig service; Survey (1° @ 2043').
MW 8.3, vis 27. Cum csts \$66,308.

TD: 3405' Drlg 8 1/2" hole w/fresh wtr (1035' - 22-3/4 hrs).
1-21-79 Drlg; Rig service; Survey (1° @ 3307').
MW 8.4#, 27 secs. Cum csts \$84,137.

TD: 4330' Drlg 8 1/2" hole (925' - 23 hrs).
1-22-79 Drlg; Rig service; Survey (1-1/4° @ 4116'); Mudding up well.
MW 8.4#, 28 secs. Cum csts \$100,077.

TD: 4710' Drlg 7-7/8" hole (380' - 19-1/4 hrs).
1-23-79 Drlg; Check BOP; Trip for bit #3; Service rig.
MW 8.9#, vis 46, WL 14, PV 10, YP 5, Solids 2, PH 10, Alk: Pf .4,
Cl 1200, Ca 40, Gels 2/6, Cake 2/32. Cum csts \$108,288.

TD: 5150' Drlg 7-7/8" hole (440' - 22-3/4 hrs).
1-24-79 Drlg; Rig service; Survey (3/4° @ 5050'); Rig repair - valve gasket
on pump; Drlg brk: 5086-5100' - no show; BGG 40 un, Conn gas 40-70
un.
MW 9.2#, vis 38, WL 12, PV 10, YP 1, Snd-tr, Solids 3, PH 8.5, Alk: Pf .2,
Cl 1200, Ca 60, Gels 1/4, Cake 2/32. Cum csts \$117,321.

TD: 5528' Drlg 7-7/8" hole (378' - 21-3/4 hrs).
1-25-79 Drlg; Tite conn @ 5323'; Rig service; BGG 75 un, Conn 100 un; Drlg
brk: 5408-34', 4 - 1.2 MPF, 75 - 210 un.
MW 9.3#, vis 41, WL 12, PV 11, YP 2, Snd-tr, Solids 4, PH 9.5, Cl 1200, Ca 60,
Gels 1/4, Cake 2/32. Cum csts \$124,521.

TD: 5880' Drlg 7-7/8" hole (352' - 23-1/4 hrs).
1-26-79 Drlg; Rig service; BGG 60 un, Conn gas 72 un.
MW 9.4#, vis 38, WL 11.6, PV 13, YP 1, Snd-tr, Solids 4.5, PH 10.5,
Cl 1400, Ca 600, Gels 1/3, Cake 2, Chr 250. Cum csts 131,406.

TD: 6020' Drlg 7-7/8" hole (140' - 10-3/4 hrs).
1-27-79 Rig repair - bad sprocket in compound; Rig service; Drlg 7-7/8" hole
ARO 12 FPH; BGG 65 un, Conn gas 80 un.
MW 9.2#, vis 42, WL 12.4, PV 13, YP 3, Snd 1/8, Solids 3, PH 11, Cl 250, Ca 1400,
Gel 1/5, Cake 2. Cum csts \$135,137.

TD: 6200' TOOH for log (180' - 14 1/2 hrs).
1-28-79 Drlg; Trip for new bit; Rig service; Circ & cond mud for logs; Drop
survey; TOOH for log.
MW 9.3, vis 46, WL 11.2, PV 18, YP 4, Snd-tr, Solids 4, PH 10.5, Cl 1400, Ca 60,
Gels 2/6, Cake 2/32, Chr 250. Cum csts \$140,228.

Bitter Creek Field

Uintah County, Utah

AFE: 19515 WI: 100%

ATD: 6200' SD: 11-21-78

CIGE, Inc., Oper.

Atco Drilling, Inc., Contr.

9-58" @ 203' GL;

TD: 6200' TIH w/open ended DP - prep to P & A.

1-29-79 Finished TOOH; Run DIL, FDC, CNL, 213' - 6205' (WL depths); TIH to 6200'; Circ hole; RU & LD DP (40 jts); WOO; TOOH to DL DC; LD 20

6-1/4" DC's; TIH w/open ended DP to 4280'; Prep to plug.

MW 9.3#, vis 46. Cum csts \$154,484.

TD: 6200' RD RT - P & A.

1-30-79 Circ hole @ 4280' w/rig; RU Dowell to set plug #1 @ 4280' - 4080' w/70 sx Class "G"; LD DP & setting cmt plug w/Dowell; Plug #2 @

1960-2160' w/70 sx; Plug #3 @ 820-1020' w/70 sx; Plug #4 163-263', w/35 sx;

Plug #5 set @ surface w/10 sx; Released Dowell; ND BOP's; CO mud tanks; Rel

Atco #5 @ 4 PM, 1-29-79. Cum csts \$161,282. Final Report.

Drop from report.

ORAL APPROVAL TO PLUG AND ABANDON WELL

Operator CIG EXPLORATION Representative FRANK MIDKIFF

Well No. 50-24-10-21 Located NW 1/4 SW 1/4 Sec. 24 Twp 10S Range 21E

Lease No. U-01393-D Field Butter Creek State Utah

Unit Name and Required Depth Natural Buttes Base of fresh water sands _____

T.D. 6200 Size hole and Fill Per Sack 8 1/2" Mud Weight 9.3 #/gal. _____

Casing Size	Set At	Top of Cement	To Be Pulled	Plugging Requirements		
				From	To	Sacks Cement
<u>9 5/8</u>	<u>213</u>	<u>wire</u>		<u>10 SX @ surface w/ reg marker</u>		
				<u>135</u>	<u>265</u>	<u>as needed</u>

Formation	Top	Base	Shows	From	To	Sacks Cement
<u>GRN Riv</u>	<u>1020</u>			<u>820</u>	<u>1020</u>	<u>as needed</u>
<u>Green River sh</u>				<u>1960</u>	<u>2160</u>	<u>as needed</u>
<u>Wasatch</u>	<u>4280</u>			<u>4080</u>	<u>4280</u>	<u>as needed</u>

NOTICE OF APPROVAL

Remarks CONDITIONS OF APPROVAL ATTACHED

DST's, lost circulation zones, water zones, etc. Fence pits, fill all holes, pick up debris, rehab as planned

Approved by WJ Martin Date 1-28-79 Time 11:20 P.M.

CC: OPERATOR w/ cond of approval
BLM - Vernal
GS - Vernal
file - this copy

MER
control book
lease records

CONDITIONS OF APPROVAL FOR WELL ABANDONMENT

Company CIG Exploration Location 24-10S-21E
Well No. 50-24-10-21 Lease No. U-01393-D

A COPY OF THESE CONDITIONS SHOULD BE FURNISHED YOUR
FIELD REPRESENTATIVE TO INSURE COMPLIANCE

1. This office should be notified sufficiently in advance of actual plugging work so that a representative may have an opportunity to witness the operation.
2. Upon completion of approved plugging, erect the regulation marker in accordance with 30 CFR 221.22 and clean up the location. The marker should not be less than 4 inches in diameter and extend approximately 4 feet above general ground level. Heap up the dirt around the base of the marker about 18 inches to take care of any settling of the cellar. The top of the marker must be closed or capped. Pits must be fenced unless approved otherwise by the district engineer.
3. The following minimum information shall be permanently placed on the marker with a plate, cap, or beaded-on with a welding torch:
"Fed" or "Ind" as applicable.
"Well number, location by $\frac{1}{4}$ section, township and range."
4. Within 15 days after well bore plugging operations are completed, form 9-331 (Subsequent Report of Abandonment) must be filed showing location of plugs, amount of cement in each, amount of casing left in hole, and status of surface restoration. If a temporary delay in removal of equipment or surface cleanup is deemed necessary and acceptable to this office, so note on this report and notify this office when such work has been completed to your satisfaction. This final abandonment report will not be approved until a physical inspection by this office and the surface management agency finds the well site in satisfactory condition.
5. If not previously filed, submit in duplicate Well Completion or Recompletion Report and Log (form 9-330), well history, electric logs, and other surveys, and if taken, core analysis and water analysis. These reports must also be filed within 15 days after completion of plugging operations.

6. You or your authorized representative should inspect the abandoned location prior to notification to this office by form 9-331 that it is ready for inspection, and note especially:

- (a) That the regulation dry-hole marker bears the correct legend as required in item 3.
- (b) That rathole and mousehole are filled, not just bridged, and pits are filled and leveled.
- (c) That all material and junk are gone. This includes deadmen protruding above the level ground surface.
- (d) That reseeding or other required restoration work has been completed.

7. The U. S. Geological Survey district office address is:

8440 Federal Building, Salt Lake City, Utah 84138

Dist. Engr. Edgar W. Guynn	Phone(801) 524-5650
Asst. Engr. Willis P. Martens	Home Phone(801) 582-7042
	Home Phone(801) 466-2780

8. The BLM contact man is: STEVE ELLIS, BLM, VERNAL
Phone (home)
Phone (801) 789-1362 (office)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.6

12

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL:		OIL WELL <input type="checkbox"/>	GAS WELL <input type="checkbox"/>	DRY <input checked="" type="checkbox"/>	Other _____		
b. TYPE OF COMPLETION:		NEW WELL <input type="checkbox"/>	WORK OVER <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>	DIFF. RESVR. <input type="checkbox"/>	Other <u>P&A</u>
2. NAME OF OPERATOR <u>CAS PRODUCING ENTERPRISES, INC.</u> <u>UIG</u>							
3. ADDRESS OF OPERATOR <u>P. O. BOX 749, DENVER, CO 80201</u>							
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface <u>724' FWL & 1752' FSL SECTION 24-T10S-R21E</u> At top prod. interval reported below <u>SAME AS ABOVE</u> At total depth <u>SAME AS ABOVE</u>							
14. PERMIT NO. <u>43-047-30505</u>				DATE ISSUED <u>FEB 20 1979</u>			
5. LEASE DESIGNATION AND SERIAL NO. <u>U-01393-D</u>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME <u>N/A</u>		7. UNIT AGREEMENT NAME <u>NATURAL BUTTES UNIT</u>		8. FARM OR LEASE NAME <u>NATURAL BUTTES</u>	
9. WELL NO. <u>CIGE 50-24-10-21</u>		10. FIELD AND POOL, OR WILDCAT <u>BITTER CREEK FIELD</u>		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA <u>SECTION 24-T10S-R21E</u>		12. COUNTY OR PARISH <u>UINTAH</u>	
13. STATE <u>UTAH</u>		14. DATE SPUDDED <u>11-21-78</u>		15. DATE T.D. REACHED <u>1-28-79</u>		16. DATE COMPL. (Ready to prod.) <u>1-29-79</u> <u>N/A</u>	
17. ELEVATIONS (DF, RKB, RT, GR, ETC.)* <u>5320' GR.</u>		18. TOTAL DEPTH, MD & TVD <u>6200'</u>		19. PLUG, BACK T.D., MD & TVD <u>N/A</u>		20. IF MULTIPLE COMPL., HOW MANY* <u>N/A</u>	
21. INTERVALS DRILLED BY <u>→</u>		22. ROTARY TOOLS <u>203'-6200'</u>		23. CABLE TOOLS <u>0 - 203'</u>		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* <u>N/A</u>	
25. WAS DIRECTIONAL SURVEY MADE <u>NO</u>		26. TYPE ELECTRIC AND OTHER LOGS RUN <u>DIL, DNL-FDC</u>		27. WAS WELL CORED <u>NO</u>		28. CASING RECORD (Report all strings set in well)	
CASING SIZE <u>9-5/8"</u>		WEIGHT, LB./FT. <u>36#</u>		DEPTH SET (MD) <u>213' KB</u>		HOLE SIZE <u>12-1/4"</u>	
CEMENTING RECORD <u>150 SX "G"</u>		AMOUNT PULLED <u>None</u>		29. LINER RECORD		30. TUBING RECORD	
SIZE <u>9-5/8"</u>		TOP (MD) <u></u>		BOTTOM (MD) <u></u>		SIZE <u></u>	
DEPTH SET (MD) <u></u>		PACKER SET (MD) <u>NONE</u>		SCREEN (MD) <u></u>		DEPTH SET (MD) <u></u>	
BACKS CEMENT* <u></u>		31. PERFORATION RECORD (Interval, size and number) <u>NONE</u>		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.		AMOUNT AND KIND OF MATERIAL USED <u>NONE</u>	
33.* PRODUCTION		DATE FIRST PRODUCTION <u></u>		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) <u></u>		WELL STATUS (Producing or shut-in) <u></u>	
DATE OF TEST <u></u>		HOURS TESTED <u></u>		CHOKE SIZE <u></u>		PROD'N. FOR TEST PERIOD <u></u>	
OIL—BBL. <u></u>		GAS—MCF. <u></u>		WATER—BBL. <u></u>		GAS-OIL RATIO <u></u>	
FLOW. TUBING PRESS. <u></u>		CASING PRESSURE <u></u>		CALCULATED 24-HOUR RATE <u></u>		OIL GRAVITY-API (CORR.) <u></u>	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) <u></u>		TEST WITNESSED BY <u></u>		35. LIST OF ATTACHMENTS <u>SUNDRY NOTICE - SUBSEQUENT REPORT OF ABANDONMENT: WELL LOG</u>		36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records	
SIGNED <u>E. R. Midkiff</u>		TITLE <u>District Superintendent</u>		DATE <u>2/16/79</u>			
E. R. MIDKIFF							

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 16: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP TRUE VERT. DEPTH
			NO CORES OR DST'S	GREEN RIVER	1025'	1025'
				WASATCH	4275'	4275'

D. E. CASADA
RIG AND CONSTRUCTION CONTRACTOR

POST OFFICE BOX K

VERNAL, UTAH 84078

PHONE 789-1020

October 1, 1979

C.I.G.E.
P.O. Box 1138
Vernal, Utah 84078

Re: Natural Buttes Unit # 50

Dear Sir:

The reseeding on Natural Buttes Unit # 50 was completed
September 25, 1979, as required.

Yours truly,

Floyd P. Murray

Floyd P. Murray, Superintendent
D. E. Casada Rig & Construction
Contractor

FPM/je

D. E. CASADA
RIG & CONSTRUCTION CONTRACTOR
P.O. BOX 243 — PHONE 789-1020
VERNAL, UTAH

TICKET NO.
3202

Date September 25, 1979

Sold, to: G I G E

Address _____

Location: Natural Butte Unit #50 Order No. _____

QUANTITY	DESCRIPTION	UNIT PRICE	TOTAL
24lb	Indian Rice Grass	18.75	450.00
6lb	Black sage	8.25	49.50
6lb	4 Winged salt Bush	7.20	43.20
6lb	Winter Fat	15.00	90.00

632.70

*fat included
from Casada's yard
Work Ticket # C1741*

1951.6
R Jan

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPlicate
(Other Instructions on
reverse side)

Form approved
Budget Bureau No. 42-R1421.

5. LEASE DESIGNATION AND SERIAL NO.

U-01393-D

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

N/A

7. UNIT AGREEMENT NAME

NATURAL BUTTES UNIT

8. FARM OR LEASE NAME

NATURAL BUTTES

9. WELL NO.

CIGE 50-24-10-21

10. FIELD AND FOOT, OR WILDCAT

BITTER CREEK FIELD

11. SEC., T., R., H., OR BLK. AND
SURVEY OR AREA

Sec 24-T10S-R21E

12. COUNTY OR PARISH

UINTAH

13. STATE

UTAH

SUNDRY NOTICES AND REPORTS ON WELLS
(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT" for such proposals.)

1. ☐ OIL WELL ☐ GAS WELL ☐ OTHER Dry Hole

2. NAME OF OPERATOR
GAS PRODUCING ENTERPRISES, INC.

3. ADDRESS OF OPERATOR
P.O. BOX 749, DENVER, COLORADO 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.
See also space 17 below.)
At surface

724' FWL & 1752' FSL, Section 24-T10S-R21E

14. PERMIT NO.
43-047-30505

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

5320' UNGR. GR.

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

(Other) ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

ABANDON ☐

CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐

FRACTURE TREATMENT ☐

SHOOTING OR ACIDIZING ☐

(Other) ☐

RESEEDING ☒

REPAIRING WELL ☐

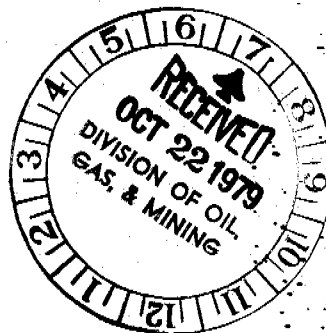
ALTERING CASING ☐

ABANDONMENT ☐

(Note: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Location disked & reseeded September 25, 1979. Please see attached.



18. I hereby certify that the foregoing is true and correct

SIGNED

K. L. Smith

TITLE Area Engineer

DATE October 17, 1979

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE